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(54) IC CARD USING DEVICE, IC CARD, AND STORAGE MEDIUM

(57)Abstract:

PROBLEM TO BE SOLVED: To improve the safety by obstructing the leak of a key by analyzing an IC card device.

SOLUTION: When PIN(personal identification number) data are inputted, an application software part 70 generates a temporary common key K used for cipher communication when the function of an IC card 20 is used and transfers the temporary common key K and inputted PIN data to the IC card 20. Thus, the cipher key which is temporarily effective is used only when the application software part 70 and IC card 20 are connected which hold no cipher key normally.

